AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions and listings of claims in the application.

1. (currently amended) A system for two-way radio communication comprising:

(a) a first two-way radio comprising:

(i) ~~a means for exchanging a two-way radio communication with a base/repeater station; and (ii)~~ a means for selecting and transmitting a signal code to ~~said~~ a base/repeater station; and

(ii) a means for sending communication signals to a base/repeater station;

(iii) a means for receiving communication signals from a base/repeater station;

(b) a base/repeater station comprising:

(i) a base/repeater station decoder for decoding the signal code from said first two-way radio into a signal that can be recognized by a base/repeater station controller and transferring said signal to said base/repeater station controller; and

(ii) wherein said base/repeater station controller comprises a means for receiving said decoded signal from said base/repeater station decoder and correlating said decoded signal to one or more internet addresses associated with at least one ~~or more~~ target station ~~base/repeater stations~~ and a means for establishing a bi-directional computer

network link with said at least one target station using said internet address for ~~real time voice and/or data communications~~ the exchange of communication signals;

(iii) wherein said base/repeater station further comprises a means for sending and receiving communications signals to and from said first two-way radio;

(c) at least one target station comprising:

(i) a target station controller comprising a means for establishing a bi-directional computer network link with said base/repeater station for ~~real time voice and/or data communications~~ communication signals ~~from said base/repeater station controller and comprising a means for transferring a signal comprising said real time voice and/or data communications to a target station encoder; and~~

~~(ii) wherein said target station encoder receives said real voice and/or data communications from said target station controller and encodes said signal into a signal code that can be recognized by a second two-way radio; and~~

(ii) wherein said target station further comprises a means for sending and receiving communication signals to and from a second two-way radio; and

(d) at least one second two-way radio comprising:

~~(i) a means for exchanging a two-way radio communications with a target station and means for receiving said signal code from said target~~

~~station encoder~~ a means for receiving communication signals from a target station; and

(ii) a means for sending communication signals to a target station;

(e) ~~wherein the system can be practiced in reverse~~ whereby communication signals can be bi-directionally exchanged between said first two-way radio and said second two-way radio via said bi-directional computer network link between said base/repeater station and said target station.

2. (original) A system as defined in Claim 1 wherein said means for selecting a signal code to said base/repeater station is a keypad device.

3. (currently amended) A system as defined in Claim 1 wherein said means for selecting a signal code to said base/repeater station is a channel selector device.

4. (previously presented) A system as defined in Claim 1 wherein said signal code is selected from the group consisting of the following signaling methods: DCS (Digitally Code Squelch), CTCSS (Continuous Tone Coded Squelch), DTMF (Dual-Tone Multi-Frequency) or any combination thereof.

5. (original) A system as defined in Claim 1 wherein said signaling method comprises a modulated RF carrier.

6. (previously presented) A system as defined in Claim 1 wherein said signal code is selected from the group consisting of the following communication protocols: LTR (Logic Trunked Radio), MPT-1327 (Ministry of Post and Telecommunications-1327), EDACS (Enhanced Digital Access Control System), conventional (non-trunked) or any combination thereof.

7. (original) A system as defined in Claim 1 wherein said base/repeater station means for correlating the signal to one or more internet addresses associated with a target station is a computer based radio controller that contains a relational data base.

8. (previously presented) A system as defined in Claim 1 wherein the Internet address is an IP address.

9. (previously presented) A system as defined in Claim 1 wherein said means for establishing a bi-directional computer network link with one or more target base/repeater stations is a voice communication system selected from a group consisting of conventional, trunked radio systems or combinations thereof.

10. (currently amended) A system as defined in Claim 1 wherein said target station further comprises a target station decoder for decoding a signal code from said second two-way radio into a signal that can be recognized by a base/repeater station controller and for transferring said signal to said base/repeater station controller; and wherein said target station controller further comprises a means for receiving a decoded signal from said target station decoder and correlating said decoded signal into one or more internet addresses associated with one or more base/repeater stations and a means for establishing a bi-directional computer network link with said at least one base/repeater station for the exchange of communication signals using said internet address; and wherein said at least one ~~secondary~~ second two-way radio is further comprised of a means for selecting and transmitting a signal code to a target station.

11. (currently amended) A method for ~~conducting two-way radio communication~~ exchanging communication signals between two-way radios via a bi-directional computer network link between base/repeater and target stations, said method comprising:

(a) transmitting a signal code and ~~two-way radio~~ communication signals from a ~~first~~ two-way radio to a base/repeater station;

(b) decoding said signal code and correlating said decoded signal code to one or more internet addresses;

(c) establishing a bi-directional computer network link between said base/repeater station and a target station through said internet address;

(d) ~~exchanging~~ transmitting communication signals ~~real-time voice and/or data communications~~ over said computer network link to at least one target station;

(e) transmitting said ~~real-time voice and/or data communications~~ communication signals from said target station to a second two-way radio; ~~and~~

(f) ~~repeating steps (a) through (e) in reverse~~ transmitting communication signals from said second two-way radio to said target station;

(g) transmitting communication signals from said target station over said computer network link to said base/repeater station; and

(h) transmitting communication signals from said base/repeater station to said first two-way radio.

12. (original) A method as defined in Claim 11 wherein said signal code is selected on a keypad device.

13. (original) A method as defined in Claim 11 wherein said signal code is selected on a channel selector device.

14. (previously presented) A method as defined in Claim 11 wherein said signal code is selected from the group consisting of the following signaling methods: DCS (Digitally

Code Squelch), CTCSS (Continuous Tone Coded Squelch), DTMF (Dual-Tone Multi-Frequency) or any combination thereof.

15. (previously presented) A method as defined in Claim 11 wherein said signal code is selected from the group consisting of the following communication protocols: LTR (Logic Trunked Radio), MPT-1327 (Ministry of Post and Telecommunications-1327), EDACS (Enhanced Digital Access Control System), or any combination thereof.

16. (original) A method as defined in Claim 11 wherein said signal code is correlated to one or more internet addresses associated with a target station by a radio controller using a computer based relational data base and a suitable decoder.

17. (original) A method as defined in Claim 11 wherein the Internet address is an IP address.

18. (previously presented) A method as defined in Claim 11 wherein said bi-directional computer network link with one or more target base/repeater stations is established by a voice communication system selected from the group consisting of trunked, conventional radio systems or a combination thereof.